

Ittiam Vorbis Decoder

Vorbis Decoder

Vorbis Audio Codec is popular free Audio Codec. In terms of quality, it is widely perceived to be superior to MP3 and comparable to AAC. It is a Variable bit rate Codec.

Ittiam's Vorbis Decoder is an implementation of the Vorbis 1.0 Decoder and the optimized code on ARM is licensed without any identification for patents.

Features

- Supports all recommended bit rates.
- Supports all sample rates from 8khz to 48khz.
- Supports a simple C callable with flexible memory allocation scheme.
- Multi-channel, Reentrant software.
- The implementation has been tested on a variety of bit streams and audio files for robustness and quality.
- Optimized for low footprint and processing power.

Not supported:

- No support for files encoded using Floor 0
- No support for files encoded using blocksize of 8192

Decoder Validation

The Vorbis decoder implementation has been tested for conformance for all the available Vorbis streams for their precision and perceptual quality against the float reference decoder. The decoder has also been tested for robustness against bit stream errors and quality based on listening tests.

Notice

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